

(19) World Intellectual Property Organization  
International Bureau



(43) International Publication Date  
28 July 2005 (28.07.2005)

PCT

(10) International Publication Number  
**WO 2005/067454 A3**

(51) International Patent Classification<sup>7</sup>: **A61K 31/403**

(21) International Application Number:  
PCT/US2004/033959

(22) International Filing Date: 13 October 2004 (13.10.2004)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:  
60/532,834 23 December 2003 (23.12.2003) US

(71) Applicant (for all designated States except US): **INTERMUNE, INC.** [US/US]; 3280 Bayshore Boulevard, Brisbane, CA 94005 (US).

(72) Inventor; and

(75) Inventor/Applicant (for US only): **BLATT, Lawrence, M.** [US/US]; 10 Shoreview, San Francisco, CA 94121 (US).

(74) Agent: **BORDEN, Paula, A.**; Bozicevic, Field & Francis LLP, 1900 University Avenue, Suite 200, East Palo Alto, CA 94303 (US).

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM,

AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

**Published:**

— with international search report

(88) Date of publication of the international search report:  
9 March 2006

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: COMBINATION THERAPY FOR TREATING HEPATITIS C VIRUS INFECTION

(57) Abstract: The present invention provides methods of treating hepatitis C virus (HCV) infection; methods of reducing the incidence of complications associated with HCV and cirrhosis of the liver; and methods of reducing viral load, or reducing the time to viral clearance, or reducing morbidity or mortality in the clinical outcomes, in patients suffering from HCV infection. The methods generally involve administering to the individual i) a Type I interferon receptor agonist or a Type III interferon receptor agonist; ii) an immunomodulatory agent; and iii) an inhibitor of an HCV enzyme.



WO 2005/067454 A3